

PATENT APPLICATION

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Shuichi MATSUMURA

Application No.: New U.S. Patent Application

Filed: February 3, 2005

Docket No.: 122627

For: ENZYMATIC DEPOLYMERIZATION PROCESS OF POLYLACTIC ACID, AND  
PRODUCING PROCESS OF POLYLACTIC ACID USING DEPOLYMERIZATION  
PRODUCT

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

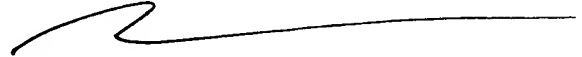
Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- ☒ 2. Relevance of the non-English language references 2 and 4 is discussed in the present specification.
- ☒ 3. The references 3-10 were cited in a counterpart foreign application. An English language version of the foreign search report is attached for the Examiner's information.

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- ☒ 4. In accordance with 37 CFR §1.98(a)(2)(ii), copies of any U.S. patents and patent application publications are not attached.
- ☒ 5. English language Abstracts of the non-English language references 3-8 are attached hereto.
- ☒ 6. Reference 1 corresponds to reference 2.

Respectfully submitted,



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<p><b>DEPOSIT ACCOUNT USE AUTHORIZATION</b> Please grant any extension necessary for entry; Charge any fee due to our Deposit Account No. 15-0461</p>
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DT05 PCT/PTO 03 FEB 2005

Sheet 1 of 1

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 122627		APPLICATION NO. New U.S. National Stage of PCT/JP2003/0009676	
INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)				APPLICANT Shuichi MATSUMURA			
				FILING DATE February 3, 2005			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
	1	US 6,255,451 B1	07/03/2001	Koch et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
	2	JP A 2001-512504	08/21/2001	Japan			
	3	JP A 2003-79388 w/abstract	03/18/2003	Japan			
	4	JP A 2002-17385 w/abstract	01/22/2002	Japan			
	5	JP A 2001-178483 w/abstract	07/03/2001	Japan			
	6	JP A 2001-224392 w/abstract	08/21/2001	Japan			
	7	JP A 11-35662 w/abstract	02/09/1999	Japan			
	8	JP A 2002-320499 w/abstract	11/05/2002	Japan			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
	9	Williams., "Enzymic hydrolysis of polylactic acid," MEP Ltd., Vol. 10, No. 1, pp. 5-7, 1981					
	10	Matsumura et al., "Novel Ring-Opening Polymerization of Lactide by Lipase," Macromol. Symp. 130, pp. 285-304, 1998					
EXAMINER					DATE CONSIDERED		
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Date: February 3, 2005